



ARKANSAS

Economic Development Commission

MANUFACTURING SOLUTIONS

Accelerate. **Transform.** Win.

Foundations of Industrial Energy Efficiency

When / Where

October 19, 2016

Lake Point Conference Center

Arkansas Tech University

Russellville, AR 72802

Time:

9:00 AM - 3:00 PM

Lunch Included

Register

Cost: \$30

Register Online:

<http://www.mfgsolutions.org>

**ENERGY EFFICIENCY
ARKANSAS**

This workshop is sponsored by Energy Efficiency Arkansas. A partnership between the Arkansas Energy Office and Arkansas investor owned electric and gas utilities.

900 W Capitol Ste 400
Little Rock, AR 72201
501-683-4404
www.MFGSolutions.org

This training program is intended to provide facilities personnel, energy managers, engineers, and utility representatives with both basic and intermediate understanding of the latest energy efficiency methods, procedures, and best practices. No matter your background, you will leave this workshop with an actionable understanding of how to save energy within an industrial facility.

The workshop will:

- Justification for energy efficiency
- Best business practices of energy management
- State of industrial energy efficiency today
- Foundational understanding:
 - Plant energy assessments methods and procedures
 - Utility use, costs, and accessing incentive program dollars
 - Power versus Energy
 - Identifying energy wasting systems
- Making the best business case for efficiency
- Common systems and energy efficiency measures
- Corporation's focus on sustainability
- The need for measurement and verification (M&V)

In addition to the topics listed above, the workshop will include many examples, real stories, useful templates, and practical guidance. The workshop will include time for interactive discussions, activities, and learning from attendees.

Attendees will earn 5 professional development hours (PDH).

The Presenter:

Darin W. Nutter, PhD, PE, FASHRAE

Dr. Darin Nutter is a Professor and Interim Department Head of the University of Arkansas' Department of Mechanical Engineering. He received his B.S. and M.S. in mechanical engineering at Oklahoma State University and his Ph.D. from Texas A&M University. Dr. Nutter's research interests are encompassed within the broad area of thermal or energy systems. More specifically, over the last 25 years, his background and focus has been on the improvement of HVAC&R systems and manufacturing/processing plants, with regard to operation, energy efficiency, and sustainability. Dr. Nutter is the former director of the Arkansas Industrial Energy Clearinghouse. He has performed over 150 industrial manufacturing plant and commercial building energy assessments. Before attending Texas A&M, he worked as a corporate facilities engineer for Fleming Companies, Inc., a national wholesale food distribution company. Dr. Nutter has published over 70 technical papers and 50 technical reports in the area of energy systems and conservation. He is a Fellow of the American Society of Heating, Refrigerating, and Air-conditioning Engineers (ASHRAE), a member of the Association of Energy Engineers (AEE) and American Society of Mechanical Engineers (ASME), and a registered professional engineer in Arkansas.

The Source For Strengthening Arkansas Manufacturing Through:

Growth & Innovation | Operational Excellence | Sustainability | Leadership Development